For receiving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

REQUEST	International Filing Date			
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"			
	Applicant's or agent's (if desired) (12 charact	file reference ers maximum) HF-314-PCT		
Box No. I TITLE OF INVENTION	.			
ABNORMALITY DETECTION SYSTEM OF MO	BILE ROBOT			
	n is also inventor			
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	he address indicated in this	Telephone No. 03-5412-1114		
HONDA GIKEN KOGYO KABUSHIKI KAISH	٦٨	Facsimile No.		
1-1, Minami-Aoyama 2-chome, Minato-ku, T		03-5412-1524		
JAPAN	OKYO 107-0000	Teleprinter No.		
		Applicant's registration No. with the Office		
State (that is, country) of nationality: JAPAN	State (that is, country) JAPAN	of residence:		
This person is applicant for the purposes of: all designated the United States all designated the United States	d States except cates of America	the United States of America only the States indicated in the Supplemental Box		
Box No. III FURTHER APPLICANT(S) AND/OR (FURTI	HER) INVENTOR(S)			
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of it Box is the applicant's State (that is, country) of residence if no State of residence	he address indicated in this	This person is:		
OGAWA Naohide		applicant and inventor		
c/o KABUSHIKI KAISHA HONDA GIJYUTSI	 	inventor only (If this check-box		
KENKYUSYO, 4-1, Chuo 1-chome, Wako-si		is marked, do not fill in below.)		
351-0193 JAPAN	iii, Galtairia	Applicant's registration No. with the Office		
State (that is, country) of nationality:	State (that is, country)	of residence:		
JAPAN	JAPAN			
This person is applicant for the purposes of: all designated the United States all designated the United States		the United States of America only the States indicated in the Supplemental Box		
Further applicants and/or (further) inventors are indicated o	n a continuation sheet.			
Box No. IV AGENT OR COMMON REPRESENTATIVE	OR ADDRESS FOR	CORRESPONDENCE		
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	as:	agent common representative		
Name and address: (Family name followed by given name; for a legal enti. The address must include postal code and name of co	ty, full official designation. ountry.)	Telephone No. 03-5956-7220		
8197 YOSHIDA Yutaka		Facsimile No.		
816, Ikebukuro White House Building, 20-2,		03-5956-7222		
Higashi Ikebukuro 1-chome, Toshima-ku,		Teleprinter No.		
Tokyo 170-0013 JAPAN	<u> </u>			
	Agent's registration No. with the Office			
Address for correspondence: Mark this check-box where space above is used instead to indicate a special address to	no agent or common rep which correspondence s	presentative is/has been appointed and the		

Sheet No. ...2...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should not be included in the request.				
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residenc	This person is:			
KAWAGUCHI Yuichiro		applicant and inventor		
c/o KABUSHIKI KAISHA HONDA GIJYUTSU		inventor only (If this check-box is marked, do not fill in below.)		
KENKYUSYO, 4-1, Chuo 1-chome, Wako-sh 351-0193 JAPAN	ii, Saitama	Applicant's registration No. with the Office		
State (that is, country) of nationality: JAPAN				
This person is applicant for the purposes of: all designated the United States all designated the United States	States except ates of America	the United States of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	e address indicated in this	This person is: applicant only		
AIHARA Masaki		applicant and inventor inventor only (If this check-box		
c/o KABUSHIKI KAISHA HONDA GIJYUTSU KENKYUSYO, 4-1, Chuo 1-chome, Wako-sh	=	is marked, do not fill in below.)		
351-0193 JAPAN		Applicant's registration No. with the Office		
State (that is, country) of nationality: JAPAN	State (that is, country, JAPAN	of residence:		
		the United States of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) MATSUMOTO Takashi c/o KABUSHIKI KAISHA HONDA GIJYUTSU This person is: applicant only inventor only (If this check-box is marked, do not fill in below.)				
KENKYUSYO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 JAPAN				
State (that is, country) of nationality: JAPAN State (that is, country) of residence: JAPAN				
This person is applicant for the purposes of: all designated the United States all designated the United States	States except ates of America	the United States of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office				
State (that is, country) of nationality: State (that is, country) of residence:				
This person is applicant all designated states except the United States of America only the States indicated in the States of America only the Supplemental Box				
Further applicants and/or (further) inventors are indicated on another continuation sheet.				

Sheet No. ...3...

Box No.	V DESIGNATION OF STATE	Mark the applicable check-boxes below; at least one must be marked.				
The following designations are hereby made under Rule 4.9(a):						
	al Patent	inder Rule 4.7(a).				
_	ARIPO Patent: GH Ghana, G SL Sierra Leone, SZ Swaziland, T State which is a Contracting State	Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any othe f the Harare Protocol and of the PCT (if other kind of protection or treatment desired				
E EA	_					
EP EP	Republic, DE Germany, DK Denn IE Ireland, IT Italy, LU Luxembor TR Turkey, and any other State wh	Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czecł rk, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece g, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia h is a Contracting State of the European Patent Convention and of the PCT				
⊠ OA	GA Gabon, GN Guinea, GQ Equa TD Chad, TG Togo, and any other	J Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon orial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal tate which is a member State of OAPI and a Contracting State of the PCT (if other kindersify on dotted line)				
Nation	al Patent (if other kind of protection	or treatment desired, specify on dotted line):				
X AE	United Arab Emirates	☑ GM Gambia				
	Antigua and Barbuda	HR Croatia M Om Oman				
X AL	Albania	HU Hungary PH Philippines				
M AM	Armenia	ID Indonesia IL Israel PT Portugal PT Portugal				
X AT	Austria	IL Israel PT Portugal				
		IN India				
	Azerbaijan					
	Bosnia and Herzegovina	JP Japan				
		KE Kenya SC Seychelles KG Kyrgyzstan SD Sudan				
1261 DD	Dulgaria	KP Democratic People's Republic SE Sweden				
R RV	Belarus	of Korea				
		KR Republic of Korea				
X CA		KZ Kazakhstan				
	& LI Switzerland and Liechtenstein	LC Saint Lucia TJ Tajikistan				
	China					
	Colombia	LR Liberia In Tunisia				
CR CR	Costa Rica	LS Lesotho TR Turkey				
	Cuba					
	Czech Republic					
DE DE	Germany					
X DK	Denmark	MA Morocco				
M DM	Dominica	MD Republic of Moldova				
🗶 DZ	Algeria	🛣 US United States of America				
	Ecuador	MG Madagascar				
X EE	Estonia	MK The former Yugoslav Republic of 🛮 UZ Uzbekistan				
X ES	Spain	Macedonia VC Saint Vincent and the Grenadines				
	Finland					
	United Kingdom	MWMalawi YU Yugoslavia				
™ GD ∘		MX Mexico ZA South Africa				
		MZ Mozambique ZM Zambia				
K GH	Ghana	NO Norway ZW Zimbabwe				
Check-b	oxes below reserved for designating	rates which have become party to the PCT after issuance of this sheet:				
□]				
□		J				

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

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211	···	110	٠				

Box No. VI PRIORITY CLAIM						
The priority of the following earlier application(s) is hereby claimed:						
Filing date	Number of carlier application	vinere carrier approacion is.				
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO national application: regional application:* regional Office				
item (1)				·		
item (2)						
item (3)						
item (4)	·					
item (5)						
Further priority claims	are indicated in the Suppleme	ental Box.	<u> </u>			
The receiving Office is requif the earlier application was above as:	ested to prepare and transmit filed with the Office which for	to the International Bureau the purposes of this interna	a certified copy of the e tional application is the r	earlier application(s) (only ecceiving Office) identified		
all items item	(1)	item (3) item	(4) item (5)	other, see Supplemental Box		
Industrial Property or one M	on is an ARIPO application, in Tember of the World Trade Or	ganization for which that e	arlier application was fil	led (Rule 4.10(b)(ii)):		
	CIONAL CEARCHING AUG					
BOX NO. VII INTERNAT	CIONAL SEARCHING AUT	THORITY				
international search, indicate	arching Authority (ISA) (if to the Authority chosen; the two	-letter code may be used):	earching Authorities are			
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the						
International Searching Authority): Date (day/month/year) Number Country (or regional Office)						
Box No. VIII DECLARATIONS						
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of declarations declarations:						
Box No. VIII (i)	Declaration as to the identit	ty of the inventor		:		
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :						
Box No. VIII (iii)	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :					
Box No. VIII (iv)	II (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) :					
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :						

Sheet No. ...5...

Box No. IX CHECK LIST; LANGUAGE OF FILING					
This international application contains: (a) in paper form, the following number of	(a) in paper form, the following number of item(s) (mark the applicable check-boxes below and indicate in of items				
sheets: request (including	right column the number of each item): 1. fee calculation sheet : 1				
declaration sheets) : 5	2. original separate power of attorney	:			
description (excluding sequence listings and/or	3. original general power of attorney	:			
tables related thereto) : 20	4. copy of general power of attorney; reference number,				
claims : 4	if any:	:			
abstract : 1	5. statement explaining lack of signature	:			
drawings : 11	6. priority document(s) identified in Box No. VI as item(s):				
Sub-total number of sheets: 41 sequence listings:	7. translation of international application into (language):	:			
tables related thereto : (for both, actual number of	8. separate indications concerning deposited microorgar or other biological material	nism			
sheets if filed in paper form, whether or not also filed in	sequence listings in computer readable form (indicate type and number of carriers)	·			
computer readable form; see (c) below) ————————————————————————————————————	(i) copy submitted for the purposes of international se Rule 13 <i>ter</i> only (and not as part of the internationa	arch under			
Total number of sheets : 41 (b) only in computer readable form	(ii) (only where check-box (b)(i) or (c)(i) is marked in left additional copies including, where applicable, the	column)			
(Section 801(a)(i)) (i) sequence listings	purposes of international search under Rule 13ter (iii) together with relevant statement as to the identity of	:			
(ii) tables related thereto	copies with the sequence listings mentioned in left 10. tables in computer readable form related to sequence l	column :			
(c) also in computer readable form (Section 801(a)(ii))	(indicate type and number of carriers)	.			
(i) ☐ sequence listings (ii) ☐ tables related thereto	(i) copy submitted for the purposes of international se Section 802(b-quater) only (and not as part of the application)	arch under nternational			
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the application (ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater):					
sequence listings: (iii) together with relevant statement as to the identity of the copy or					
tables related thereto:	copies with the tables mentioned in left column	:			
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	11. other (specify):	:			
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: Japanese				
	T, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not obvious	from reading the reguest)			
Then to each digitaliane, maned the mane of the person ong	and the capacity in which the person signs (y such capacity is not contain	jrom reducity.			
YOSHIDA Yutaka (Seal)					
TOSHIDA Tulaka (Seal)					
	For receiving Office use only				
Date of actual receipt of the purported international application:		2. Drawings:			
		received:			
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:					
4. Date of timely receipt of the required corrections under PCT Article 11(2):					
5. International Searching Authority (if two or more are competent): ISA / 6. Transmittal of search copy delayed until search fee is paid					
For International Bureau use only					
Date of receipt of the record copy by the International Bureau:					

This sheet is not part of and does not count as a sheet of the international application.

PCT For receiving Office u	
FEE CALCULATION SHEET	,
Annex to the Request International Application No.	
Applicant's or agent's file reference HF-314-PCT Date stamp of the receiving Office	
Applicant	
HONDA GIKEN KOGYO KABUSHIKI KAISHA	
CALCULATION OF PRESCRIBED FEES	
1. TRANSMITTAL FEE	
2. SEARCH FEE	
search, indicate the name of the Authority which is chosen to carry out the international search.) 3. INTERNATIONAL FEE	
Basic Fee Where items (b) and/or (c) of Box No. IX apply, enter Sub-total number of sheets Where items (b) and (c) of Box No. IX do not apply, enter Total number of sheets	·
b1 first 30 sheets	!
b2 11 x 1200 = 13200 b2	
in excess of 30 b3 additional component (only if sequence listings and/or tables related thereto are filed in computer readable form under Section 801(a)(i),	
or both in that form and on paper, under Section 801(a)(ii)):	
fee per sheet	
Add amounts entered at b1, b2 and b3 and enter total at B	
Designation Fees The international application contains5 designations.	
5 x 11600 = 58000 D number of designation fees payable (maximum 5)	
Add amounts entered at B and D and enter total at I	
(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)	
4. FEE FOR PRIORITY DOCUMENT (if applicable)	
5. TOTAL FEES PAYABLE	
And amounts entered at 1, 5, 1 and 1, and enter total in the 101AL box	
The designation fees are not paid at this time.	
MODE OF PAYMENT	
authorization to charge deposit account (see below) postal money order cash coupons cheque bank draft revenue stamps other (specific	
e i die specy	ÿ):
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT (This mode of payment may not be available at all receiving Offices) Receiving Office: RO/	
Authorization to charge the total fees indicated above.	··-
(This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above. Date: Name:	
Authorization to charge the fee for priority document. Signature:	